

Soybean genomic DNA Southern blot hybridized with the SAMS cDNA probe.

1. The first part of the document is a list of names and their corresponding addresses. The names are listed in a column on the left, and the addresses are listed in a column on the right. The names are: John Doe, Jane Smith, and Bob Johnson. The addresses are: 123 Main St, 456 Elm St, and 789 Oak St.

Soybean genomic DNA Southern blot hybridized with the SAMS promoter probe.

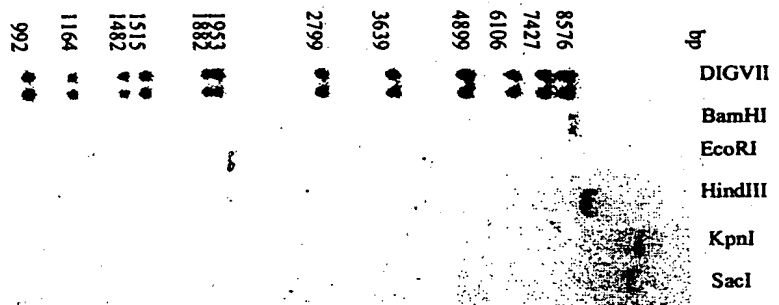


FIGURE 2

[illegible]

AGCCAAGCCCCACTCAACCACCACCACTCTCTGCTCTTCTTCTACCTTTCAAGTTTTTAAAGTATTA

AGATGGCAGAGACATTCTATTACCTCGGAGTCAGTGAACGAGGGACACCCTGATAAGCTCTGCGACCAAATCTCCGAT

 AGATGGCAGAGACATTCTATTACCTCAGAGTCAGTGAACGAGGGACACCCTGACAAGCTCTGCGACCAAATCTCCGAT

GCTGTCCTCGACGCTTGCCTCGAACAGGACCCAGACAGCAAGGTTGCCTGCCAAACATGCACCAAGACCAACTTGGTCAT
:::~::~:~::~:~::~:~::~:~::~:~::~:~::~:~::~:~::~:~::~:~::~:~::~:~::~:~::~:~::~:~::~:~::~:~::~:~::~:
GCTGTCCTCGACGCTTGCCTTGAACAGGACCCAGACAGCAAGGTTGCCTGCCAAACATGCACCAAGACCAACTTGGTCAT

GGTCTTCGGAGAGATC
:::~::~
GGTCTTCGGAGAGATC

FIGURE 3

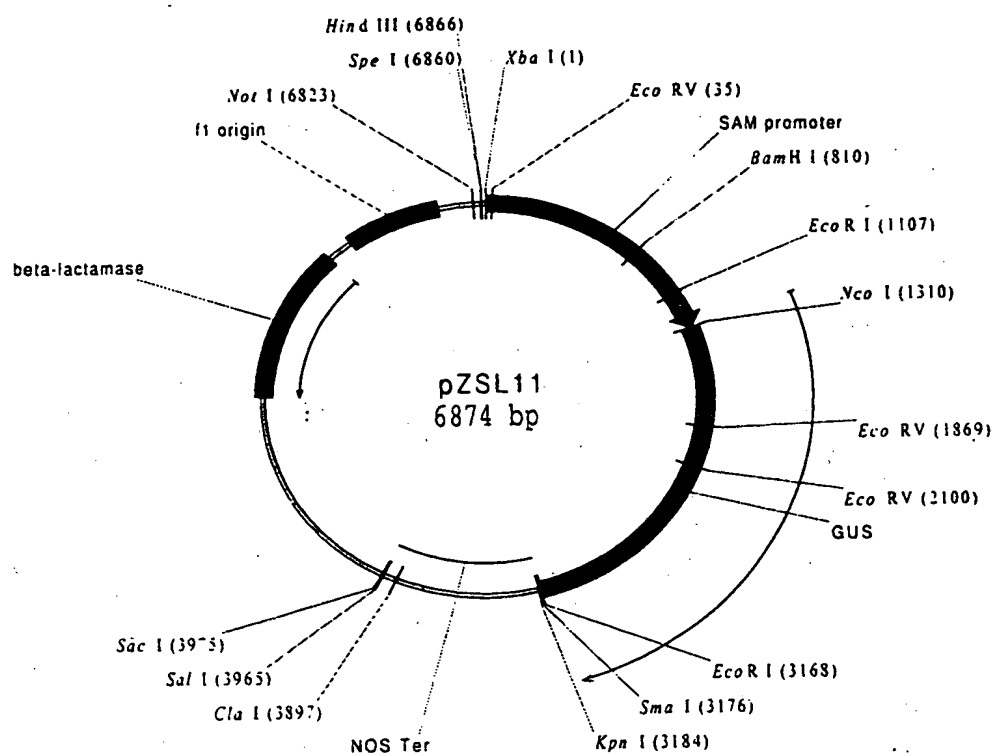
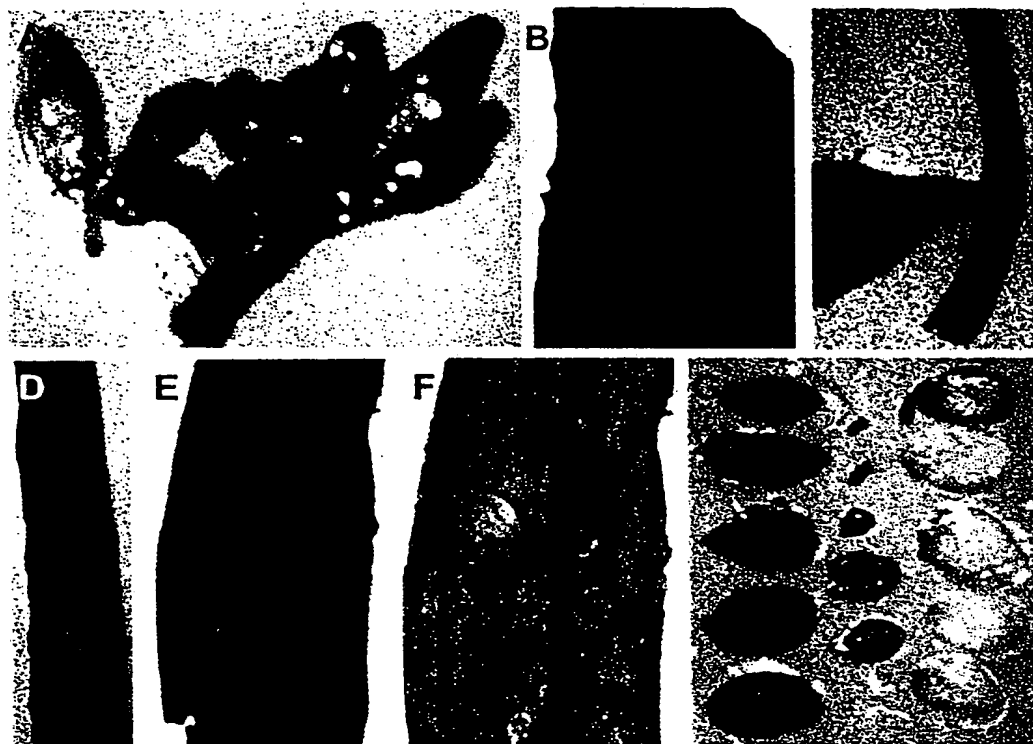


FIGURE 4



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FIGURE 5

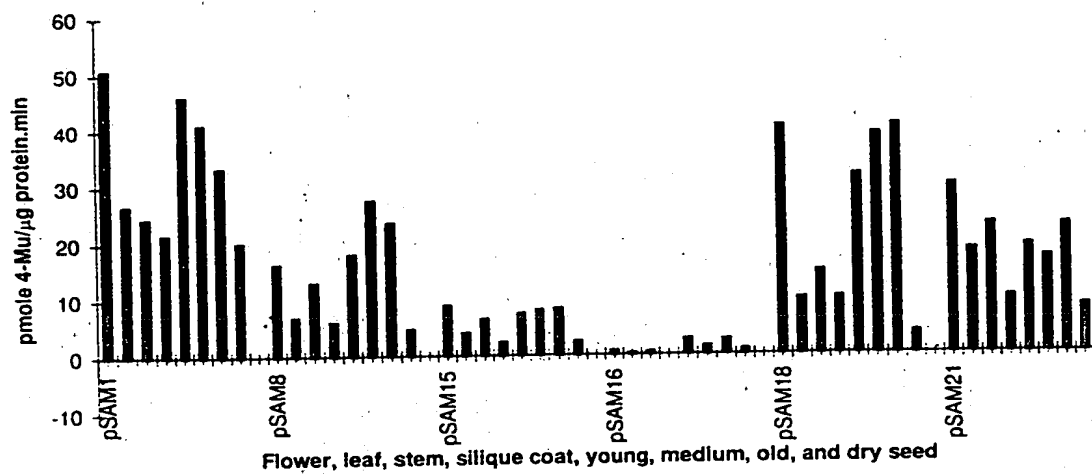


FIGURE 6

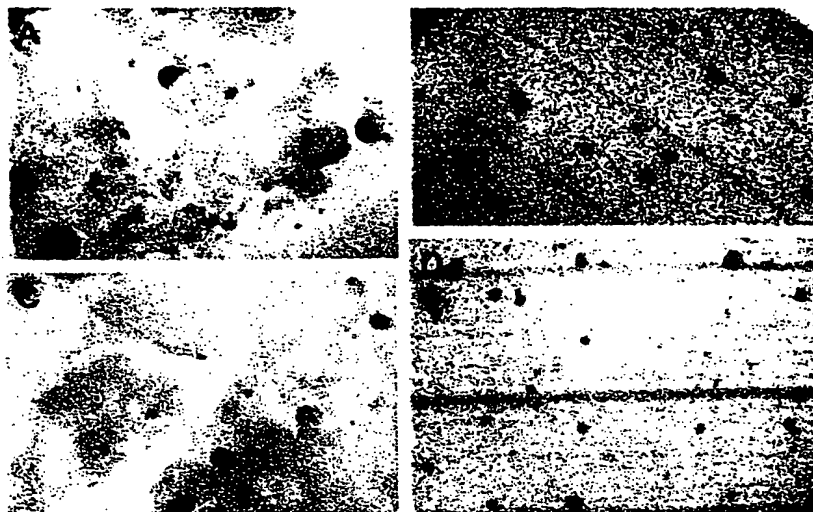


FIGURE 7

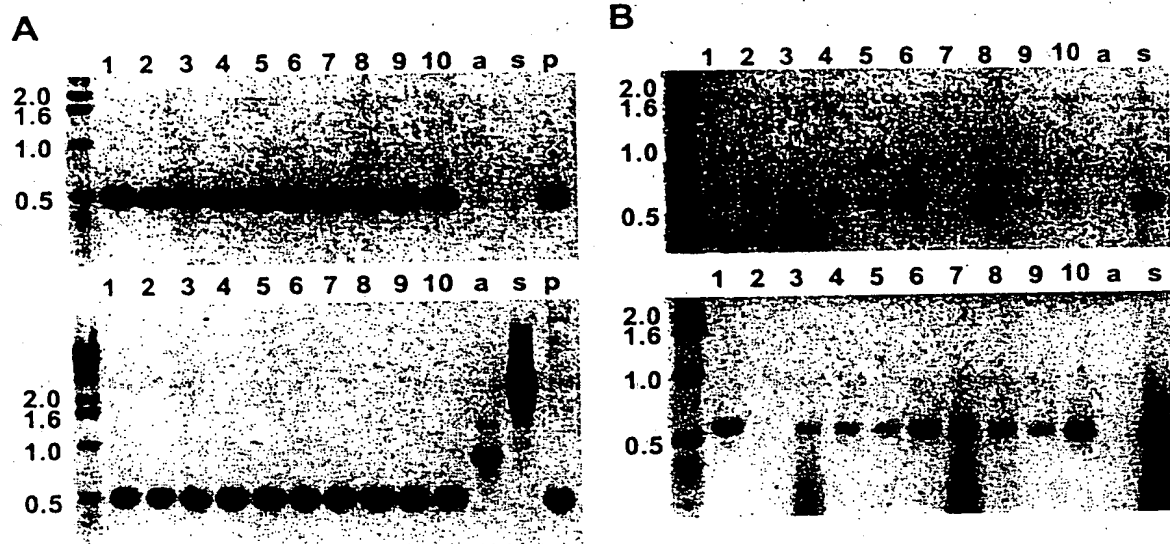
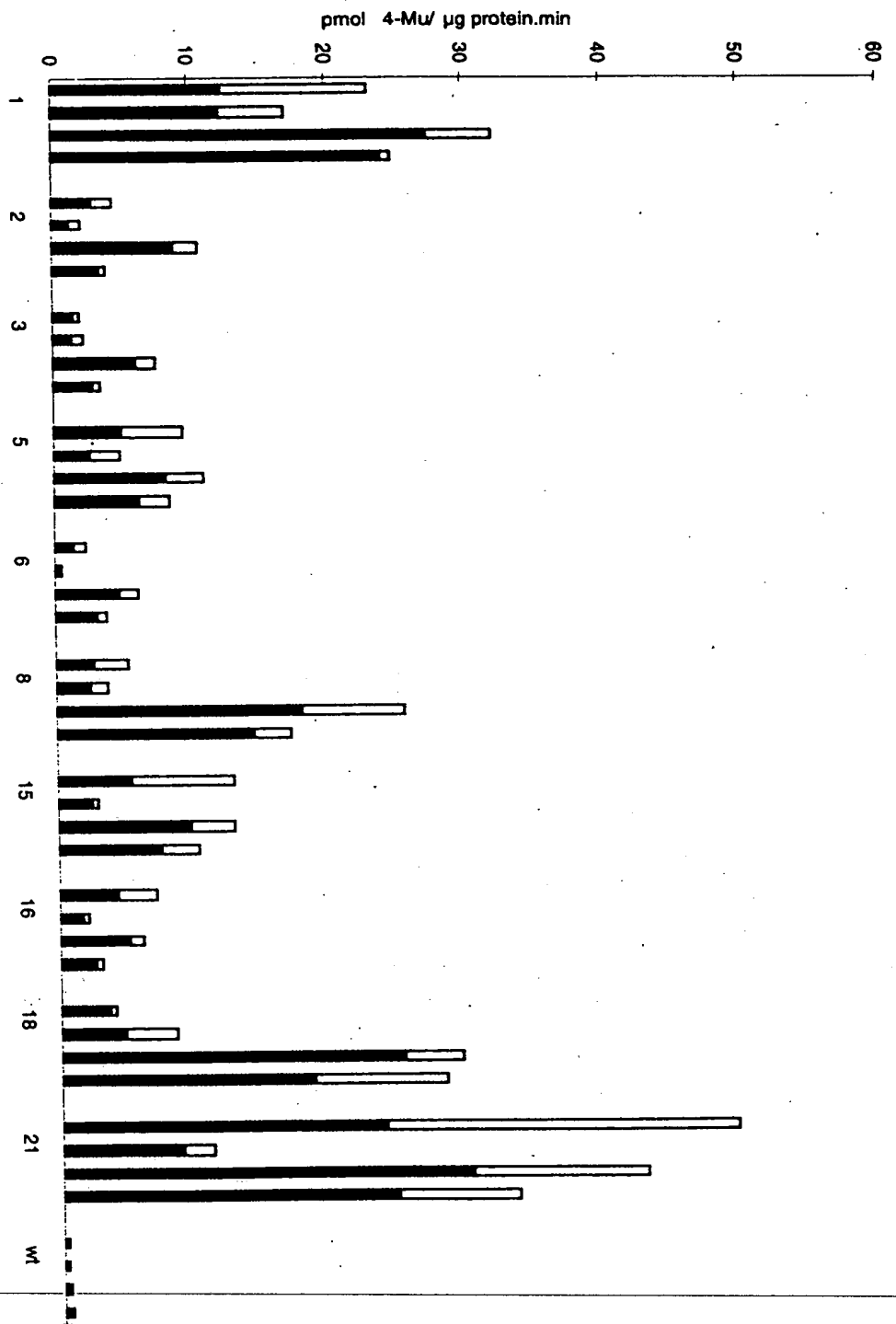


FIGURE 8



Induction of SAMS promoter activity by free methionine. Seeds of ten transgenic Arabidopsis lines transformed with SAMS::GUS construct were germinated on filter papers soaked with H_2O , 1x Murashige and Skoog salt, 0.01 mM, and 1 mM methionine. Ten days old seedlings were harvested and assayed for GUS activity. The solid bar and hollow bar indicate, respectively, the average and the standard variation of three samples for treatment.

[illegible]